

Sent By: Nath & Associates;

202 775 8396;

Aug-7-03 10:19AM;

Page 1

**PATENT**  
Attorney Docket No. 24303

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

**VIA FACSIMILE-(703)746-5149**

OOSTRA et al.

Serial No.: 09/973,180

Art Unit: 1634

Filing Date: October 10, 2001

Examiner: J. Goldberg

For: **DIAGNOSTICS AND THERAPEUTICS FOR AUTOSOMAL  
DOMINANT HEMACHROMATOSIS**

**TRANSMITTAL LETTER**

Commissioner for Patents  
Washington, D.C. 20231

**BEST AVAILABLE COPY**

Sir:

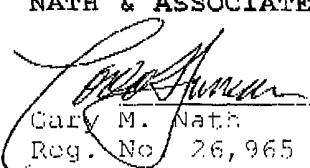
As discussed during our telephone conference, submitted herewith for filing in the U.S. Patent and Trademark Office are executed copies of the following documents previously filed on January 23, 2002:

- 1) Transmittal letter;
- 2) Information Disclosure Statement; and
- 3) PTO-Form 1449.

Copies of the documents cited on the PTO-Form 1449 were previously submitted on January 23, 2002. The Commissioner is hereby specifically authorized to charge any fee deficiency or credit any overpayment to our Deposit Account No. 14-0112.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**

Date: 6 Aug. 2003  
**NATH & ASSOCIATES PLLC**  
1030 Fifteenth Street, N.W.  
Sixth Floor  
Customer No. 20529  
Washington, D.C. 20005-1503  
Tel: (202) 775-8383  
Fax: (202) 775-8396  
GMAIPLAW@AOL.COM

  
Cary M. Nath  
Reg. No. 26,965  
Todd L. Juneau  
Reg. No. 40,669

PATENT  
Attorney Docket No. 24584

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

OOSTRA et al.

Serial No.: 09/973,180 Art Unit: 1634

Filing Date: October 10, 2001 Examiner: J. Goldberg

For: **DIAGNOSTICS AND THERAPEUTICS FOR AUTOSOMAL  
DOMINANT HEMACHROMATOSIS**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to Applicant's duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the above-identified application. No fee is required for this submission because it is submitted prior to the mailing of a First Office Action on the merits.

Copies of the document cited in the completed Form PTO-1449 were previously submitted January 23, 2002. The Examiner is respectfully requested to cite the documents listed on the attached Form PTO 1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by

Page 2

Attorney Docket No. 24584

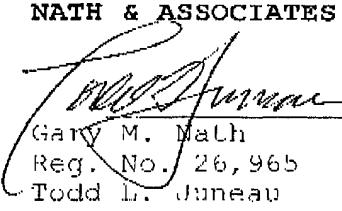
the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,

**NATH & ASSOCIATES PLLC**

Date: 23 Jun. 2003 submission  
**NATH & ASSOCIATES PLLC**  
1030 Fifteenth Street, N.W.  
Sixth Floor  
Washington, D.C. 20005  
Tel: (202) 775-8383  
FAX: (202) 775-8396  
GMN:TLJ:JBG:\CBFax.doc

  
\_\_\_\_\_  
Gary M. Nath  
Reg. No. 26,965  
Todd L. Juneau  
Reg. No. 40,669  
Customer No. 20529

Page 1 of 2

		Attorney Docket 24584	Serial Number 09/973,180
FORM PTO-1449		Applicant OOSTRA et al.	
INFORMATION DISCLOSURE CITATION		Filing Date October 10, 2001	Group Art Unit 1642

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA	5,674,681	10/07/97	ROTHENBERG			12/06/94
	AB	5,705,343	01/06/98	DRAYNA et al.			02/09/96
	AC	5,712,098	01/27/98	TSUCHIHASHT et al.			04/16/96
	AD	5,753,438	05/19/98	DRAYNA et al.			05/08/95
	AE	6,025,130	02/15/00	THOMAS et al.			05/23/96
	AF	6,140,305	10/31/00	THOMAS et al.			04/04/97
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR		Hoefsloot, Lies. et al., "Characterization of the human lysosomal $\beta$ -glucuronidase gene," Biochem. J., 272, pp. 493-497 (1990)					
		Donovan, Adriana et al., "Positional cloning of zebrafish ferroportin identifies a conserved vertebrate iron exporter," Nature Lett., 403, pp. 776 '00 (2000)					
AT		Pietrangolo, Antonello et al., "Hereditary Hemochromatosis in Adults Without Pathogenic Mutations in the Hemochromatosis Gene," N.E. J. Med., 341(10), pp. 725-732 (1999)					

Examiner	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609  
 Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to Applicant.

Page 2 of 2

		Attorney Docket 24584	Serial Number 09/973,180
FORM PTO-1449		Applicant OOSTRA et al.	
<u>INFORMATION DISCLOSURE CITATION</u>		Filing Date October 10, 2001	Group Art Unit 1642

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Trans lation
	BT						Yes No
	BM						Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BR		Kato et al., "A Mutation in H-Ferritin mRNA", Am. J. Hum. Genet., 69, p. 191 (2001).	
	BS			
	BT			

Examiner	Date Considered
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 605.            Draw line through citation if not in conformance and not considered.            Include copy of this form with next communication to Applicant.</small>	